

12. The process according to Claim 4, wherein the waste gases are introduced tangentially through openings in the funnel-shaped part of the chamber so that the gases encounter the introduced air in an area of the solids.

13. The process according to Claim 2, wherein the waste gases are introduced into the chamber under a pressure of 6-8 kPa.

14. The process according to Claim 3, wherein the waste gases are introduced into the chamber under a pressure of 6-8 kPa.

15. The process according to Claim 4, wherein the waste gases are introduced into the chamber under a pressure of 6-8 kPa.

16. The process according to Claim 5, wherein the waste gases are introduced into the chamber under a pressure of 6-8 kPa.

17. The process according to Claim 7, wherein the waste gases are introduced into the chamber under a pressure of 6-8 kPa.---

REMARKS

Entry of the foregoing amendment is respectfully requested prior to examination of the application.

Applicants respectfully note that, upon entry of the present amendment, claims 1-6 will be amended to clarify their language, and claims 7-17 will be added to even further define Applicants' invention.

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Applicants note that the present amendment is being presented to even more clearly recite Applicants' invention by placing the claimed subject matter even more in accordance with standard U.S. practice and idiomatic English, and is not intended to be a narrowing amendment.

Should there be any questions, the Examiner is invited to contact the undersigned at the below listed number.

Respectfully submitted,
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APPENDIX
MARKED-UP COPY OF AMENDMENTS TO SPECIFICATION

Marked-up copy of paragraph [0009]:

[0009] The object of the invention is to provide a method and a device that after the degassing and/or gasification of waste, further converts the remaining residual products as completely as possible and recovers them. [The object is achieved by the invention indicated in the claims. Further developments are a subject of the sub-claims.]

MARKED-UP COPY OF AMENDED CLAIMS 1-6

1. (Amended) [Method] A process for [the process of] drying, separating, classifying, and decomposing waste products from at least one of a waste degassing [and/or] and gasification process, [in which the] comprising introducing solid waste products [are introduced] and waste gases [into a shaft-like chamber with the waste gases and are deposited] wholly or partially in [the] a funnel-shaped lower part of [this] a shaft-like chamber, and at least one of simultaneously [and/or] and subsequently introducing air and the waste gases from the degassing and/or gasification process [are introduced] separately into the chamber from below under pressure, [whereby] the air is introduced into the chamber substantially axially and the waste gases are introduced into the chamber substantially tangentially, resulting in a rotationally symmetrical, fountaining eddying of the solid and gaseous substances in the chamber, and, subsequently or during [the] continuous [process the] processing, dried, separated, classified, and substantially decomposed products are downwardly discharged from the chamber [downwards].

2. (Amended) [Process] The process according to Claim 1, [in which] wherein the recoverable waste products [used] comprise coke, ash, hydrocarbons, CO₂, CO, H₂, H₂O.

3. (Amended) [Process] The process according to Claim 1, [in which] wherein the air is introduced in [the] a truncated-cone-shaped floor of the chamber [is introduced] axially through [the] a round, double-walled part of [the] a discharge shaft.

4. (Amended) [Process] The process according to Claim 1, [in which] wherein the air is at least one of preheated [and/or] and introduced into the chamber under a pressure of 6-8 kPa.

5. (Amended) [Process] The process according to Claim 1, [n which] wherein the waste gases are introduced tangentially through openings in the [truncated-cone-shaped] funnel-shaped part of the chamber[, whereby] [they] so that the gases encounter the introduced air in [the] an area of the solids.

6. (Amended) [Process] The process according to Claim 1, [in which] wherein the waste gases are introduced into the chamber under a pressure of 6-8 kPa.